Water Quality Data Table

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

Contaminants (units)	MCLG	MCL	Your Water	Range Low	Range High	Sample Date	Violation	Typical Source	Plant ID
Inorganic Contaminants									
Arsenic (ppb)	NA	50	26	NA	NA	02/12/02	No	Erosion of natural products; Runoff from orchards; Runoff from glass and electronics production wastes	02
Arsenic (ppb)	NA	50	25	NA	NA	02/12/02	No	Same as above	03
Barium (ppm)	NA	2.0	0.087	NA	NA	02/12/02	No	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits	02
Barium (ppm)	NA	2.0	0.087	NA	NA	02/12/02	No	Same as above	03
Copper (ppm)	1.3	1.3AL	0.14	NA	NA	12/31/00	No	Corrosion of household plumbing Systems; Erosion of natural deposits; Leaching from wood preservatives	Dist.
Fluoride (ppm)	4	4	0.49	NA	NA	02/12/02	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories	02
Fluoride (ppm)	4	4	0.49	NA	NA	02/12/02	No	Same as above	03
Lead (ppb)	0	15AL	8	NA	NA	12/31/00	No	Corrosion of household plumbing Systems; Erosion of natural deposits	Dist.

Dist.: Water from the system's distribution.
The state allows us to monitor for some contaminants less than once per year because the concentrations do not change frequently. Some of our data, though representative, are more than one year old.

Important Drinking Water Definitions:

MCLG: Maximum Contaminant Level Goal. The level of a contaminant in drinking water below which there is no known or expected risks for safety. MCGL allows for margin of safety.

MCL: Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

AL: Action Level. The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Units of Measurement & Conversions:

NA: Not applicable

ppm: parts per million, or milligrams per liter (mg/L)

pCi/L: picocuries per liter (a measure of radioactivity)

ppb: parts per billion, or micrograms per liter (µg/L)

Arsenic

Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.

Town of Centreville

If you want to learn more, you are encouraged to attend any town meeting held on the first Thursday of every month or contact Terry Adams at 410-758-1180

PWSID 017-0001

Prepared by: Water Testing Labs of Maryland, Inc.

Town of Centreville
2002 Annual Drinking Water Quality Report

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Is my water safe?

Last year your tap water met all EPA and state drinking water health standards. The Town of Centreville is pleased to provide this annual water quality report for calendar year 2002. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. The Town of Centreville routinely monitors for contaminants in your drinking water. We vigilantly safeguard our water supplies and once again we are proud to report that our system has never violated a maximum contaminant level or any other water quality standard.

Where does my water come from and what are the potential sources of contamination?

Your drinking water is supplied by five wells. The source of these wells is the Monmouth Aquifer. The susceptibility analysis for The Town of Centreville's water supply is based on a review of the water quality data, potential sources of contamination, aquifer characteristics, and well integrity. For information on the source of your water, the significant potential sources of contamination, and susceptibility analysis, contact the Maryland Source Water Assessment Program at the Maryland Department of the Environment at (410) 631-3714 or visit on the web www.mde.state.md.us/health/swap/

Why may there be contaminants in my drinking water?

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline (800-426-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

1. Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
2. Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming.
3. Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
4. Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.
5. Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Do I need to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/Centers for Disease Control (CDC) have guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Water Drinking Hotline (800-426-4791).